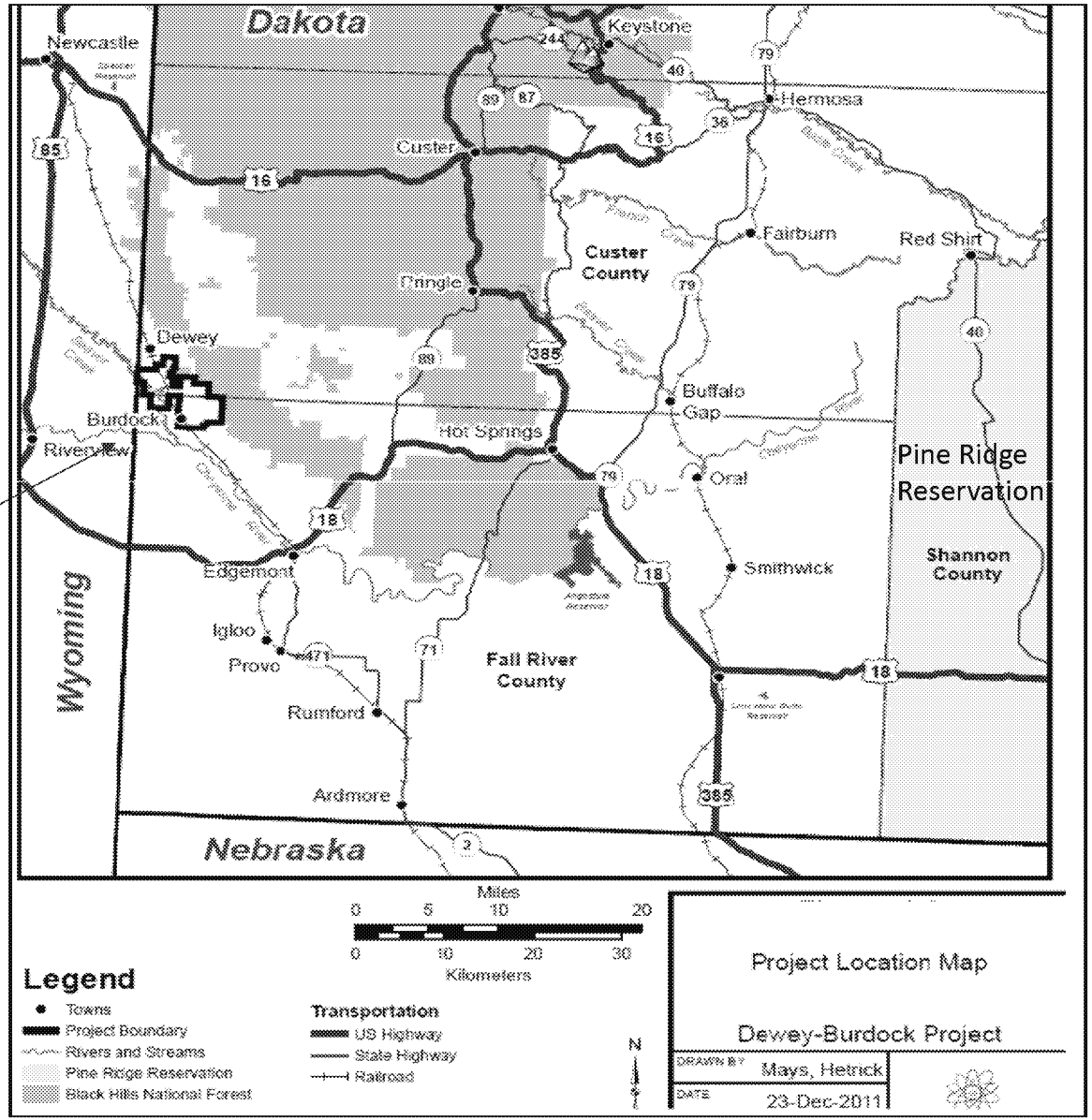
Figures for the Dewey-Burdock UIC Permits & Aquifer Exemption Brief

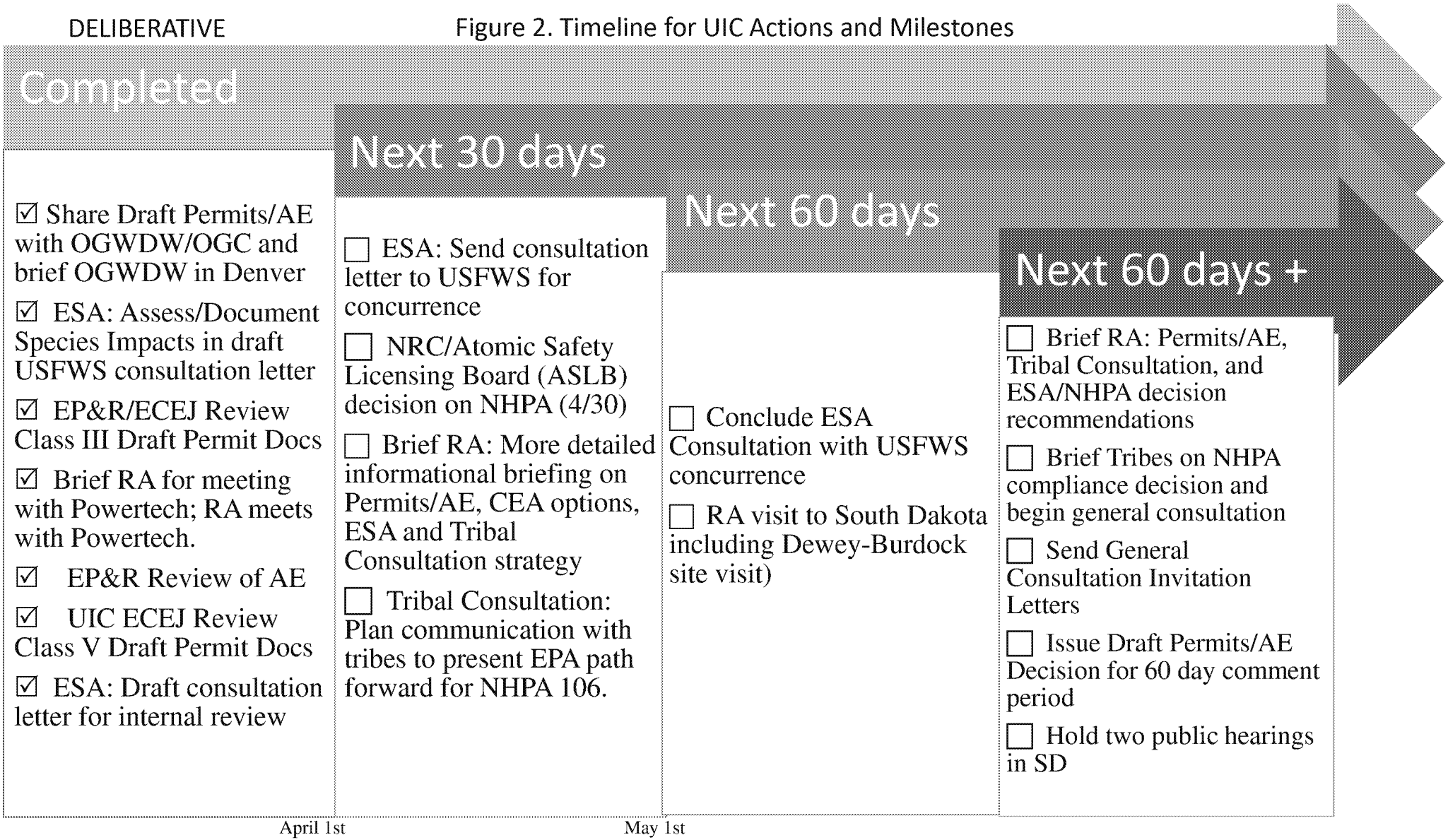


Dewey Burdock Project Site

Figure 1. Location Map

DELIBERATIVE

Figure 2. Timeline for UIC Actions and Milestones



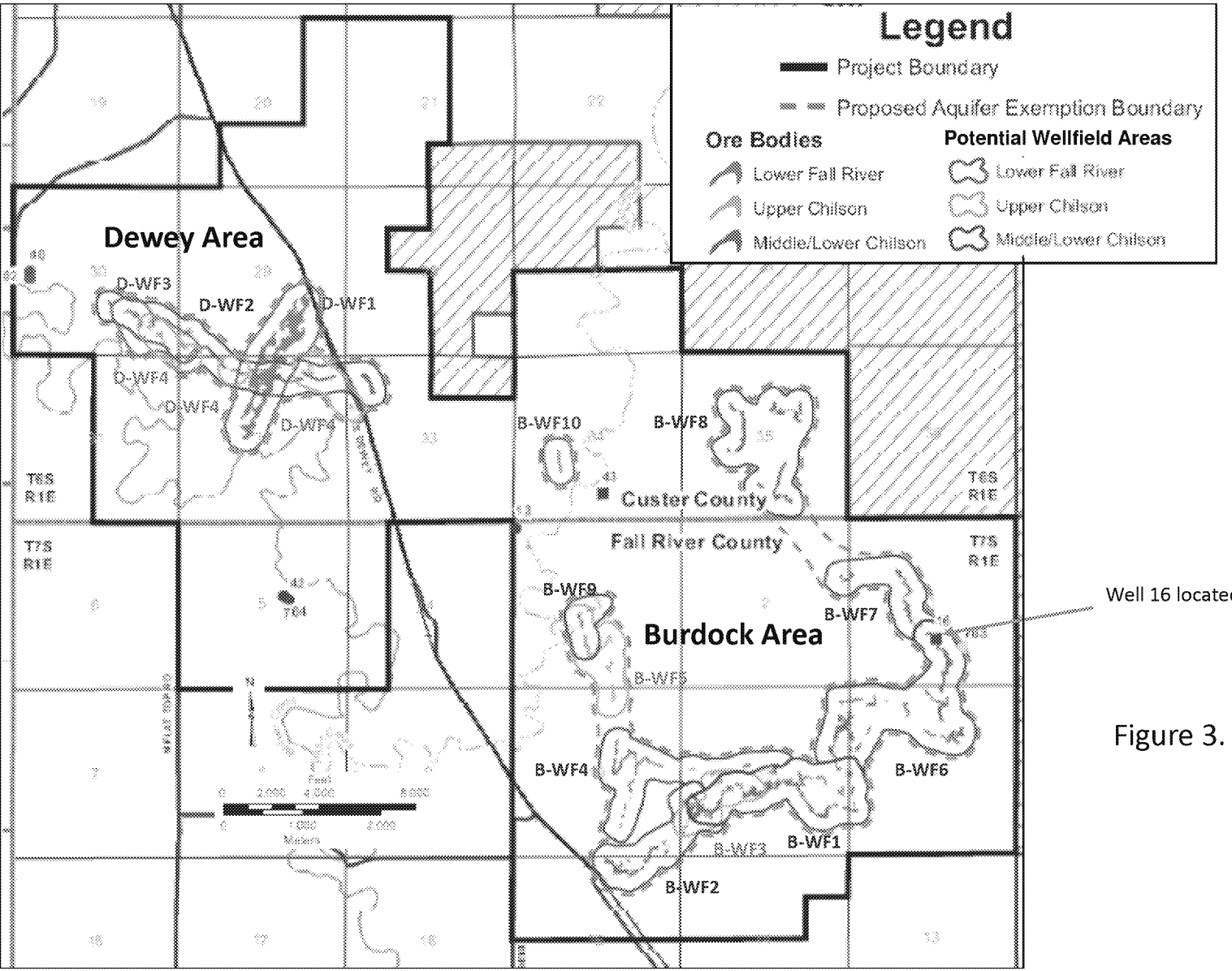


Figure 3. Aquifer Exemption Boundary

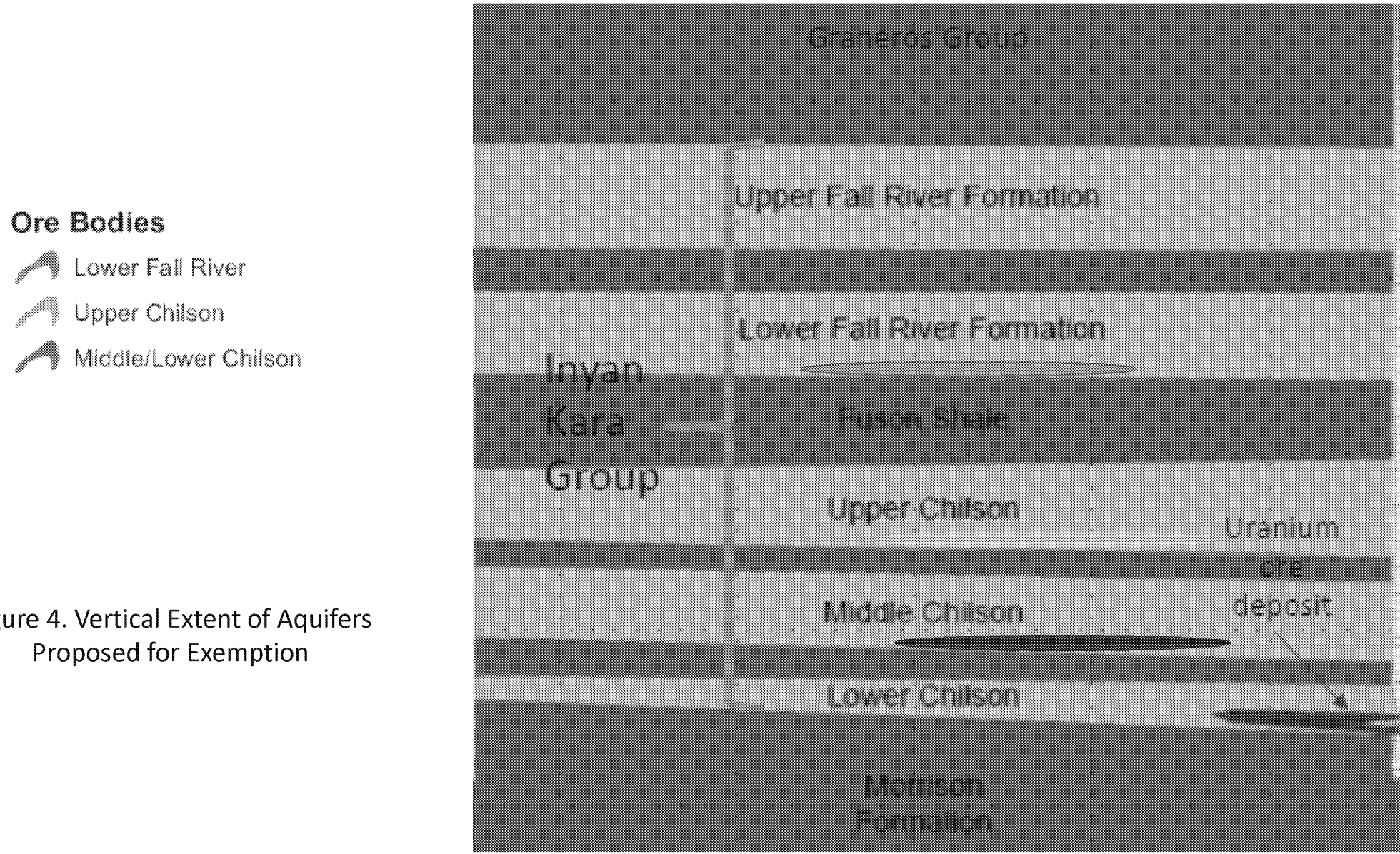


Figure 4. Vertical Extent of Aquifers Proposed for Exemption

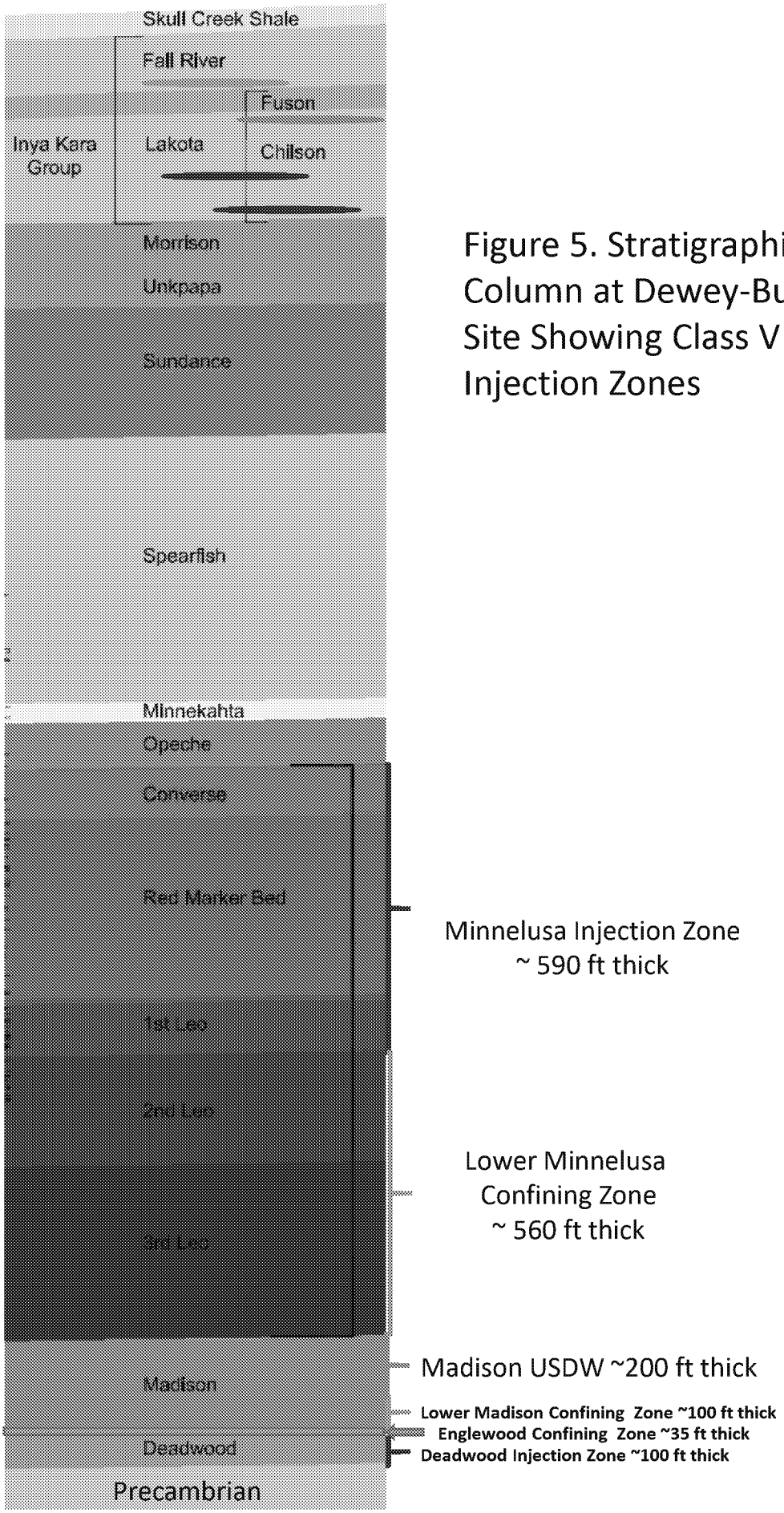
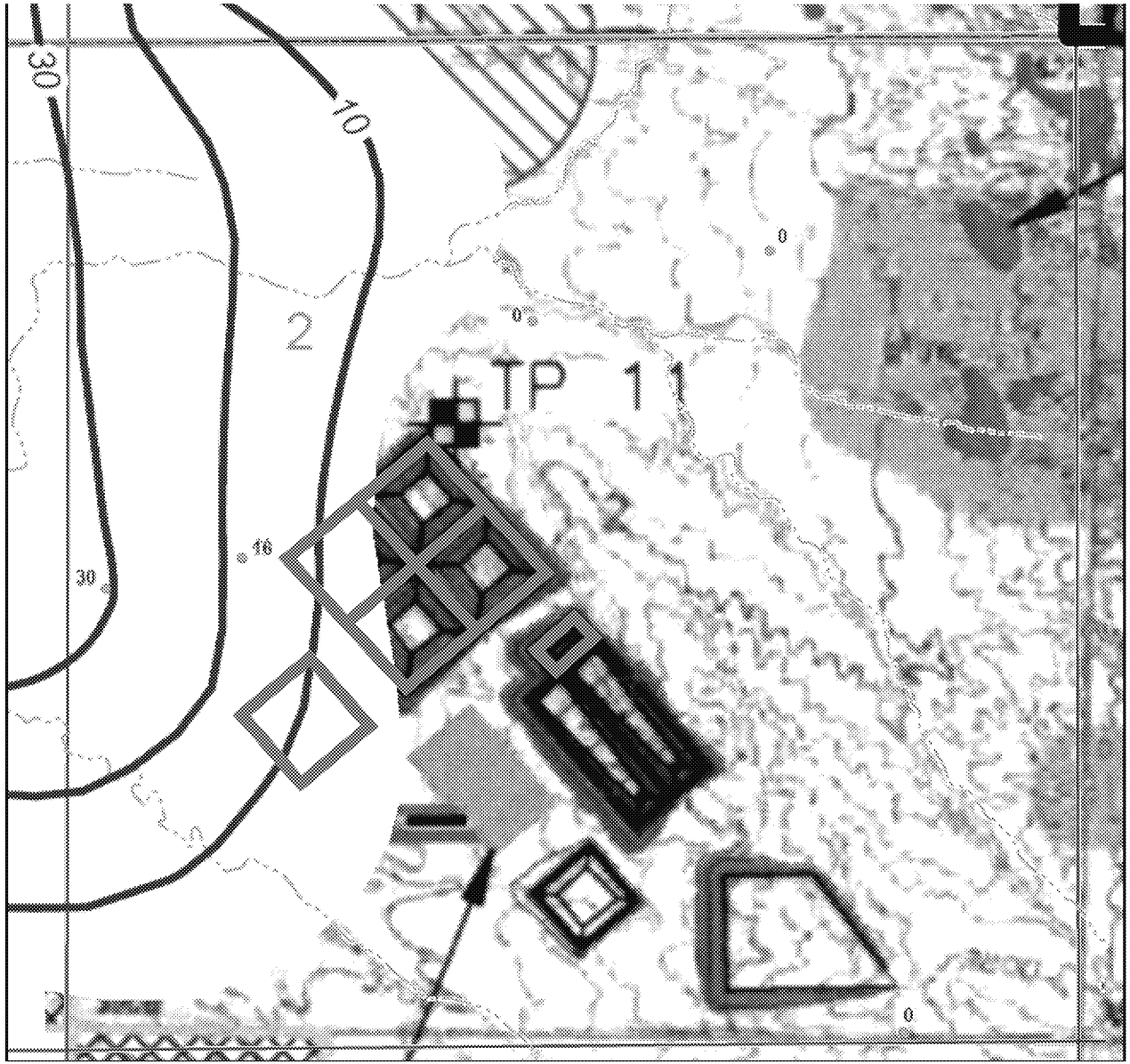


Figure 5. Stratigraphic Column at Dewey-Burdock Site Showing Class V Injection Zones



Legend

Permit Boundary

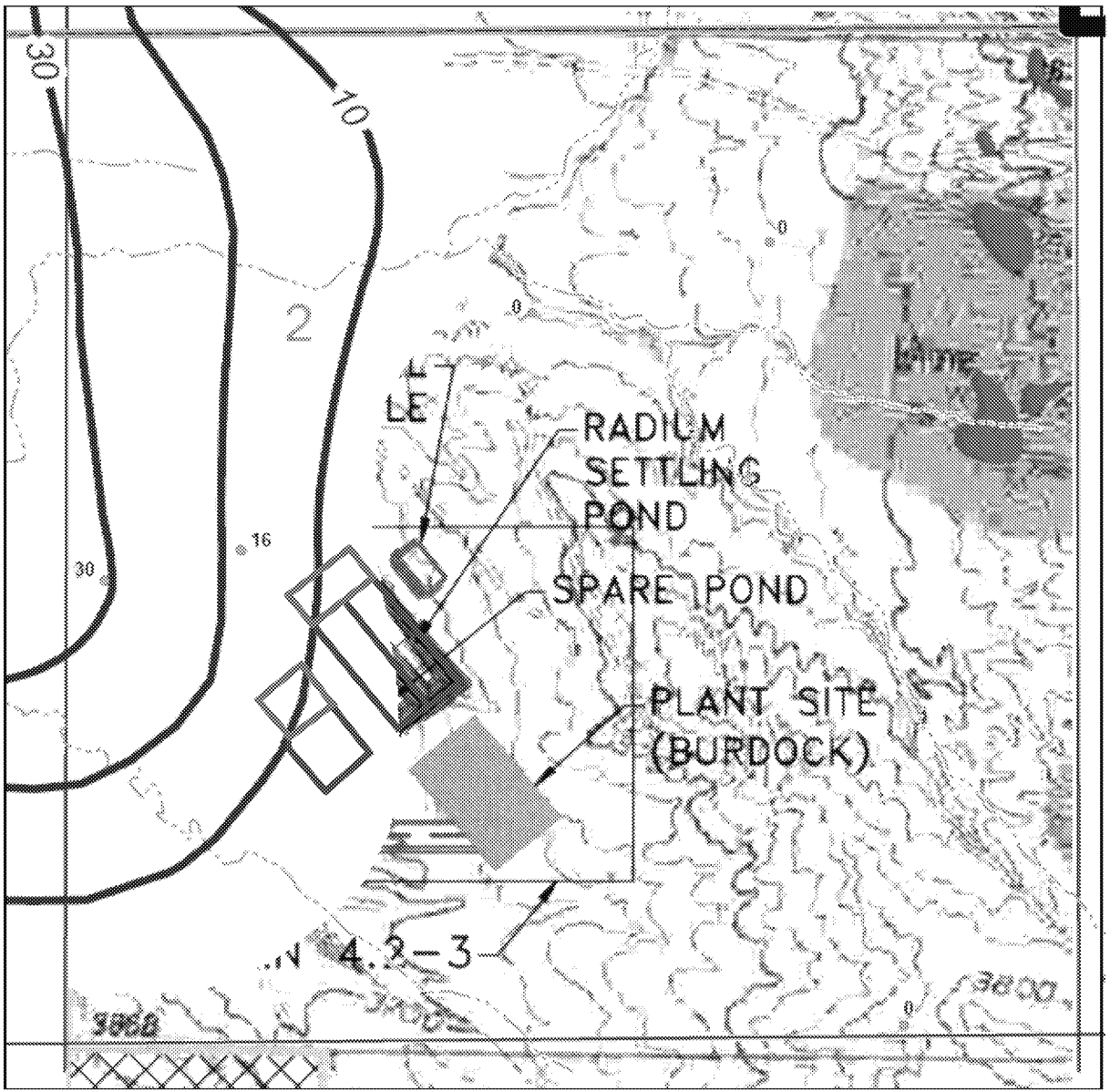
Alluvium Thickness (feet)

Alluvium

Pink outline indicates pond without a secondary HDPE liner on top of clay liner and without a leak detection system

Black outline indicates double-lined pond with leak detection system

Figure 6.
Burdock Area Ponds - Land Application Scenario for ISR Process Waste Fluids



Legend

Permit Boundary

Alluvium Thickness (feet)

Alluvium

Pink outline indicates pond without a secondary HDPE liner on top of clay liner and without a leak detection system

Blue outline indicates double-lined pond with leak detection system

Figure 7.
Burdock Area Ponds - Deep Class V Disposal Well Scenario for ISR Process Waste Fluids

Legend

Alluvium

Pink outline indicates pond without a secondary HDPE liner on top of clay liner and without a leak detection system

Black outline indicates double-lined pond with leak detection system

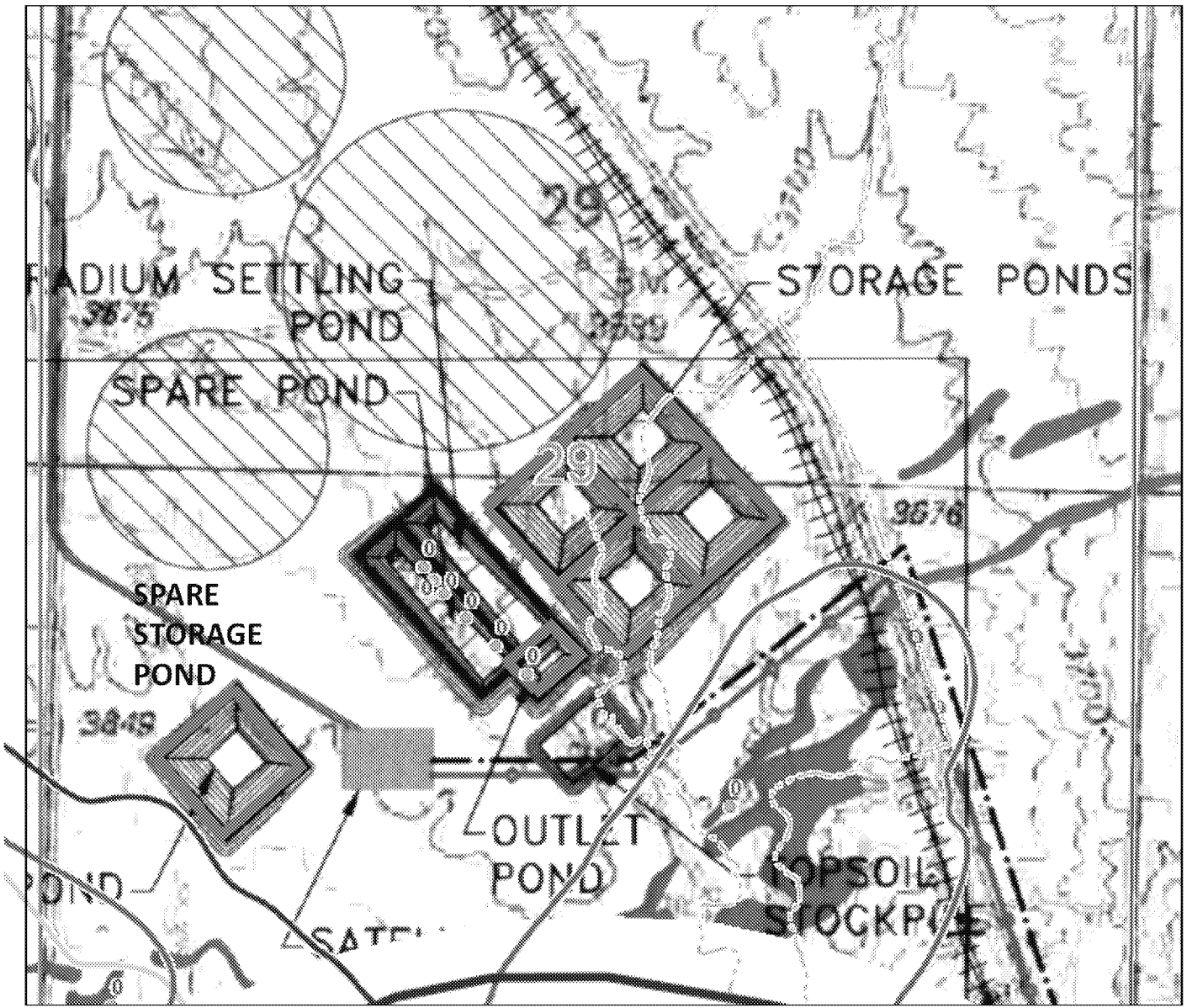
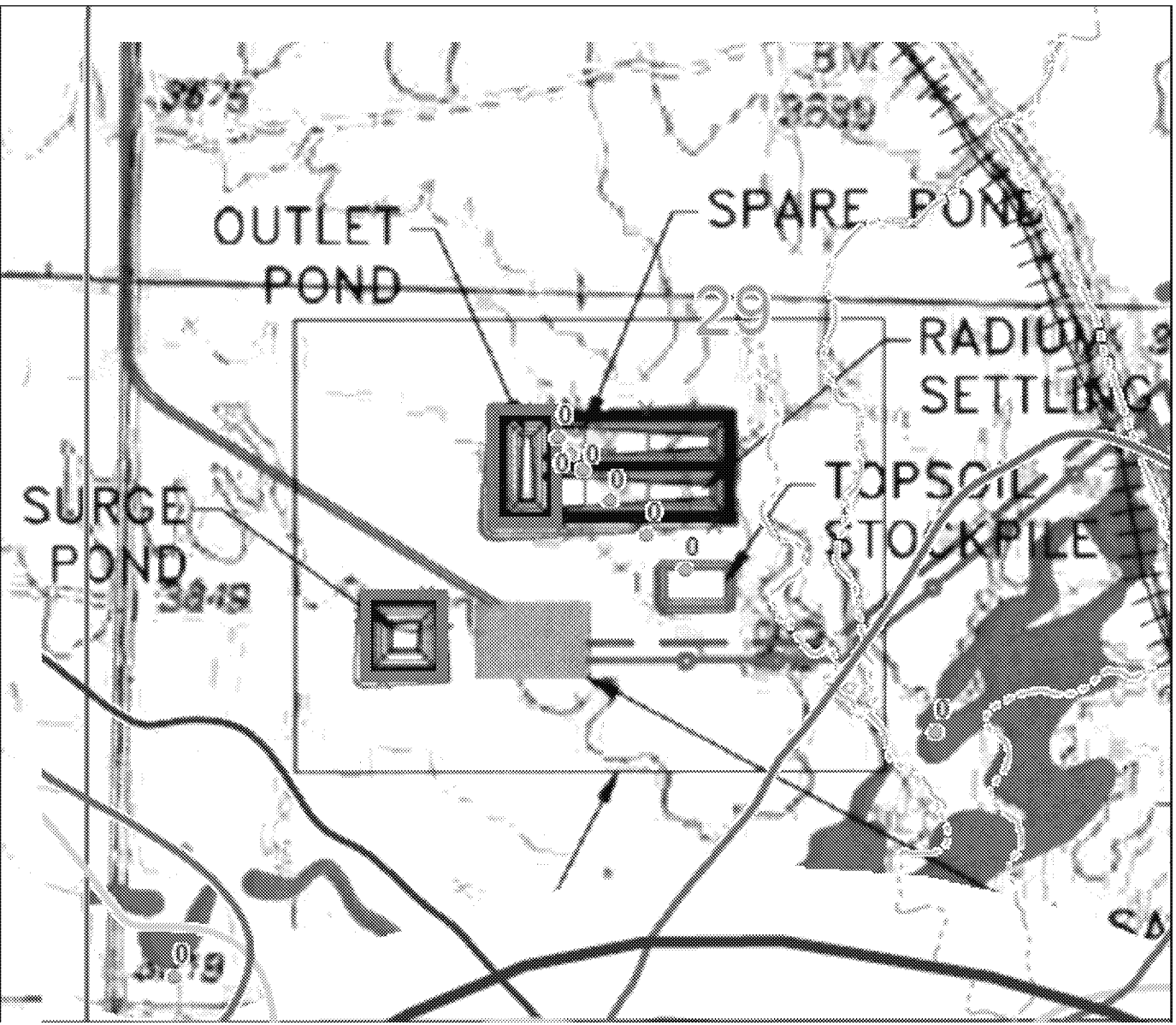


Figure 8.
Dewey Area Ponds – Land Application Scenario for ISR Process Waste Fluids



Legend

Alluvium

Pink outline indicates pond without a secondary HDPE liner on top of clay liner and without a leak detection system

Black outline indicates double-lined pond with leak detection system

Figure 9.
Dewey Area Ponds –
Deep Class V Disposal Well
Scenario for ISR Process
Waste Fluids